

**Wind on Waters- Human Environment Work group—organization notes**  
**6/9/08**

**THE WOW-HE CHARGE:**

*Frame the full range of environmental issues associated with construction, operation and maintenance, and decommissioning of wind turbines and associated collector/transmission lines on the bottoms of Lakes Michigan and Superior.*

**Co- Chairs: Dave Siebert- DNR and Emily Green- Sierra Club**

List of Substantive Areas of Focus for subgroups:

Sub-Group 1

Issues:

- a. General bird/bat migration and water bird usage
- b. Fisheries and aquatic resources (including invasive species)
- c. Commercial fishing operations and yields
- d. Lake bottom effects (including disturbance of contaminated sediments, mine wastes, submerged logs, etc.)

Members:

1. Noel Cutright (WSO)
2. Karen Etter-Hale (MAS)
3. Jeff Gosse (FWS)
4. Kathleen Standen (WE)
5. Emily Green (SC)
6. Laurie Jodziewicz (AWEA)
7. Katie Nekola (CW)
8. John Shenot (PSC)
- 9. Steve Ugoretz (DNR)--Chair**
10. Dave Siebert (DNR)
11. Chuck Ledin or Jo Temte (DNR Office of Great Lakes)

Sub-Group 2:

Issues:

- e. Impacts assoc. with the water/land interface (where cables come up on land, etc.)
- f. Boating & Recreation
- g. Human welfare and health issues—flicker, EMF, noise
- h. Visual impacts – from shore, from boats
- i. Cultural and traditional resources
- j. Shipping, Air Traffic (inc. military operations), Communications

Members:

1. Dave Donovan (Xcel)

2. Jill Stevens (Alliant)
3. John Coleman (GLFWIC)
4. Rick Stadelman (WTA)
5. Mark Montano (Red Cliff)
6. Lynn Hall (Bad River)
7. Ken Westlake (EPA)
8. Todd Vesperman (USACE)
- 9. John Shenot (PSC)-- Chair**
10. Dave Siebert (DNR)
11. Mark Dudzik (DNR)
12. Roy Zellmer (DNR)
13. Steve Ugoretz (DNR)
14. Chuck Ledin or Jo Temte (DNR Office of Great Lakes)

Members of either subgroup may consult with others in their own organizations or with outside experts as needed to get their work done, but no additional members will be added to the subgroups.

### **Role of subgroups**

We agreed that the subgroups will meet as needed to sort out the issues and steps to address the list of questions. Subgroup leaders will bring their reports to the HE group for coordination, and Siebert/Green will represent the HE group in integrating these sections with the other three workgroups sections for the final product.

### **Organizing the subgroup analysis—a proposed outline**

1. what is the concern in general?
2. what data are available for WI, from other states, from Europe?
3. where are the data gaps?
4. what are priorities for data gathering/study?
5. Are there zones of the lakes with greater levels of concern?
2. Are the concerns unique to Lake Michigan or Lake Superior?

### **Next steps:**

<u>Date</u>	<u>Meeting Type</u>	<u>WOW-HE objectives</u>
6/11	WOW meeting	Siebert status report
6/23	WOW meeting	Siebert status report
7/2	WOW-HE call	conf call 9am-10:30 (subgroups updates)
7/7	WOW meeting	WOW-HE present our draft work
7/22	WOW-HE meeting	Meet GEF 2 Room 613 9am-noon
7/29	WOW meeting	Siebert status report

8/11

WOW meeting

WOW-HE final report is due